

Recombinant Human ER lipid raft associated 2, His-tagged

Cat. No. ERLIN2-343H Lot. No. (See product label)

SPECIFICATION

Product Overview	ERLIN2, 25-339aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	25-339 a.a.
Description	ERLIN2, also known as SPFH2, is SPFH domain-containing proteins that belong to the prohibitin family. Also, this protein is a ubiquitously expressed 339 amino acid protein that belongs to the band 7/mec-2 family. Localized to lipid raft-like domains in the membrane of the endoplasmic reticulum (ER), ERLIN2 plays a crucial role in the ER-associated degradation (ERAD) pathway that removes metabolically regulated and aberrant proteins from the ER. Recombinant human ERLIN2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol
Molecular Mass	37.8 kDa (338aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSKIEEGHI GVYYRGGALL TSTSGPGFHL MLPFITSYKS VQTTLQTDEV KNVPCGTSGG VMIYFDRIEV VNFLVNAVY DIVKNYTADY DKALIFNKIH HELNQFCSVH TLQEVYIELF DQIDENLKLA LQQDLTSMAP GLVIQAVRVT KPNIPAIRR NYELMESEKT KLLIAAQKQK VVEKEAETER KKALIEAEKV AQVAEITYGQ KVMEKETEEKK ISEIEDAAFL

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AREKAKADAE CYTAMKIAEA NKLKLTPEYL QLMKYKAIAS NSKIYFGKDI
PNMFMD SAGS VSKQFEGLAD KLSFGLEDEP LETATKEN

Purity >95% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ERLIN2 ER lipid raft associated 2 \[Homo sapiens \]](#)

Official Symbol ERLIN2

Synonyms ERLIN2; ER lipid raft associated 2; C8orf2, chromosome 8 open reading frame 2 , Erlin 2, SPFH domain family, member 2 , SPFH2; erlin-2; NET32; SPFH domain family, member 2; endoplasmic reticulum lipid raft-associated protein 2; stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2; SPFH2; SPG18; C8orf2; Erlin-2; MGC87072;

Gene ID [11160](#)

mRNA Refseq [NM_001003790](#)

Protein Refseq [NP_001003790](#)

MIM [611605](#)

UniProt ID [O94905](#)

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Chromosome Location	8p11.2
Function	protein binding;

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